

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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Zenith Z34 Hygienic Floor Cleaner Conc (929319)

Revision 14

Revision date 2016-02-10

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	Zenith Z34 Hygienic Floor Cleaner Conc (929319)
Product code	YELLOW

1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use	[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC35] Washing and cleaning products (including solvent based products);
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1.3. Details of the supplier of the safety data sheet

Company	Zenith Hygiene Group plc
Address	A1M Business Centre Dixons Hill Road Welham Green Herts AL9 7JE United Kingdom
Web	www.zhgplc.com
Telephone	01707 270260
Email	helpdesk@zhgplc.com

1.4. Emergency telephone number


Emergency telephone number	028 9267 3331
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	Eye Irrit. 2: H319;
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2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Eye Irrit. 2: H319 - Causes serious eye irritation.
Precautionary Statement: Prevention	P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention.

SECTION 3: Composition/information on ingredients

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3.1. Substances

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Di Methoxy Propanol ((2-methoxymethylethoxy) propanol)		34590-94-8	252-104-2	01-2119450011-60	1 - 10%	
Alkyl (C12-16) dimethylbenzyl ammonium chloride (*R01)		68424-85-1	270-325-2		1 - 10%	C; R34 Xn; R22 N; R50

EC 1272/2008

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Alkyl (C12-16) dimethylbenzyl ammonium chloride (*R01)		68424-85-1	270-325-2		1 - 10%	Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. Seek medical attention.
Eye contact	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	May cause irritation to respiratory system.
Eye contact	Irritating to eyes.
Skin contact	No irritation expected.
Ingestion	Irritant.

4.3. Indication of any immediate medical attention and special treatment needed

	No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area. Wear suitable protective equipment.
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6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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6.3. Methods and material for containment and cleaning up

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6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

7.3. Specific end use(s)

No specific advice for end use available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

DI Methoxy Propanol (2-methoxymethylethoxy) propanol)	WEL 8-hr limit ppm: 50	WEL 8-hr limit mg/m3: 308
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -

8.2. Exposure controls



8.2.1. Appropriate engineering controls

Adopt best Manual Handling considerations when handling, carrying and dispensing. Take off immediately all contaminated clothing. Wash hands after handling the product.

8.2.2. Individual protection measures

Ensure adequate ventilation of the working area.

Eye / face protection

Safety glasses.

Skin protection -

Not normally required.

Handprotection

Respiratory protection

Not normally required. Do not breathe gas/fumes/vapour/spray.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Pink
Odour	Characteristic
pH	7
Melting point	No data available
Freezing Point	No data available
Bolling point	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability limits	No data available
Vapour Flammability	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive	No data available
Oxidising	No data available
Solubility	Soluble in water

9.2. Other information

Conductivity	No data available
Surface tension	No data available
Specific gravity	1 g/cm ³

SECTION 10: Stability and reactivity

10.1. Reactivity

	No reactivity hazards known under normal storage and use conditions.
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10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	Avoid contact with: Acids.
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10.4. Conditions to avoid

	None.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/Irritation	Irritating to eyes.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	No observed effect level.

11.1.4. Toxicological Information

Alkyl (C12-18) dimethylbenzyl ammonium chloride (*R01)	Inhalation Rat LC50/15min: NDA	Inhalation Rat LC50/30min: NDA
	Dermal Rat LD50: 800-1420 mg/kg	Oral Rat LD50: 240-400mg/kg
	Oral Mouse LD50: NDA	Dermal Rabbit LD50: NDA
	Dermal Guinea Pig LD50: NDA	

SECTION 12: Ecological information

12.1. Toxicity

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12.1. Toxicity

Alkyl (C12-16) dimethylbenzyl ammonium chloride (*R01)	Daphnia EC50/48h: 0.0200 mg/l	Fish LC50/96h: 1.2000 mg/l
	Green algae EC50/96h: 0.06mg/l	Daphnia LC50/48h: 0.02mg/l

12.2. Persistence and degradability

	No data is available on this product.
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12.3. Bioaccumulative potential

	No data is available on this product.
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12.4. Mobility in soil

	No data is available on this product.
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12.5. Results of PBT and vPvB assessment

	Substances that fulfill the criteria for PBT/vPvB, if any, are listed in section 3.
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12.6. Other adverse effects

	No other adverse effects known.
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SECTION 13: Disposal considerations

General information

	Dispose of in compliance with all local and national regulations.
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Disposal of packaging

	Dispose of in compliance with all local and national regulations. Empty containers can be cleaned with water.
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Further information

	European Waste Catalogue: 20 01 29.
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SECTION 14: Transport information

ADR/RID

	The product is not classified as dangerous for carriage.
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IMDG

	The product is not classified as dangerous for carriage.
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IATA

	The product is not classified as dangerous for carriage.
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Further information

	The product is not classified as dangerous for carriage.
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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

	Ingredients according to EC Detergent regulations shown in section 16 if applicable.
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15.2. Chemical safety assessment

	A chemical safety assessment has not been carried out on the mixture.
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SECTION 16: Other information

Other information

	<p>LC: Lethal concentration.</p> <p>LD: Lethal dose.</p> <p>NDA - No data available.</p> <p>NOAEC: No observed adverse effect concentration.</p> <p>NOAEL: No observed adverse effect level.</p> <p>NOEC: No observed effect concentration.</p> <p>NOEL: No observed effect level.</p>
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Other information

Revision	PBT: Persistent, bioaccumulative and toxic. vPvB. Very persistent and very bioaccumulative. *R01 - Polymer REACH number not available.
	This document differs from the previous version in the following areas: 2 - 2.1. Classification of the substance or mixture.
Text of risk phrases in Section 3	R22 - Harmful if swallowed. R34 - Causes burns. R50 - Very toxic to aquatic organisms.
Text of Hazard Statements in Section 3	Acute Tox. 4: H302 - Harmful if swallowed. Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Aquatic Acute 1: H400 - Very toxic to aquatic life. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
Labelling for contents	cationic surfactants 0% - < 5% non-ionic surfactants 0% - < 5% Perfumes 0% - < 5%

Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
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